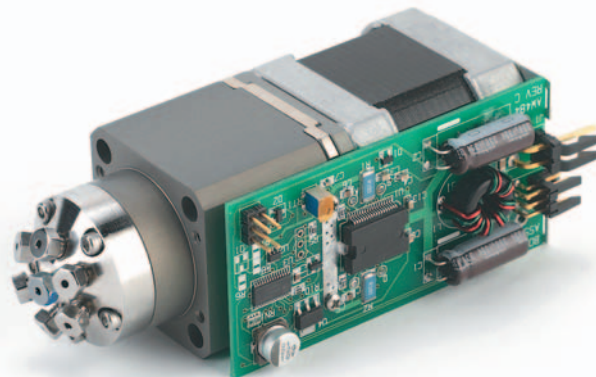


## Model C55 Integrated HPLC Stream Selector

- Designed for OEM applications
- Compact and lightweight
- Single contact closure control
- Serial control option
- 4, 6, 8, and 10 position models, stainless or PEEK



### General Description

Cheminert's new C55 series stream selector presents our first integrated motor/valve assembly designed specifically to be built into an OEM system. The compact, lightweight package is available in 4, 6, 8, and 10 position configurations, stainless or PEEK.

Using the well-proven Cheminert HPLC stream selector design and the 24 volt motor from our popular microelectric actuators, the C55 needs only to be connected to the instrument's power supply. A single momentary contact closure steps the valve to the next position; a separate contact closure moves the valve to position 1 (Home). An optional serial interface provides more flexible control.

See how the C55 can simplify your instrument design and minimize time to market—all while trimming your costs.

### Flexibility

Jumper settings on the motor can be modified to change the motor's direction and degree of rotation, so the same motor can be used with any of the valve models available.

### Specifications

|                         |                                                                    |
|-------------------------|--------------------------------------------------------------------|
| Max. operating pressure | 5000 psi                                                           |
| Max. temperature        | 50°C                                                               |
| Models available        | 4, 6, 8, and 10 position                                           |
| Bore size               | .25, .40, or .75 mm                                                |
| Control                 | Single contact closure, negative true<br>Optional serial interface |
| Power                   | 24 VDC, ±5%, 1.5 amps min                                          |

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Rev 8/13

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## Nitronic 60 stainless stator, Valcon H rotor

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|                                                       | <b>4 Position</b> | <b>6 Position</b> | <b>8 Position</b> | <b>10 position</b> |
|-------------------------------------------------------|-------------------|-------------------|-------------------|--------------------|
| <i>0.010" (.25 mm) bore</i>                           |                   |                   |                   |                    |
| With motor, sensor, and controller                    | C55-1004I         | C55-1006I         | C55-1008I         | C55-1000I          |
| With motor, sensor, and controller,<br>Serial version | C55-1004IA        | C55-1006IA        | C55-1008IA        | C55-1000IA         |
| With motor and sensor only                            | C55-1004I-S       | C55-1006I-S       | C55-1008I-S       | C55-1000I-S        |
| <i>0.016" (.40 mm) bore</i>                           |                   |                   |                   |                    |
| With motor, sensor, and controller                    | C55-2004I         | C55-2006I         | C55-2008I         | C55-2000I          |
| With motor, sensor, and controller,<br>Serial version | C55-2004IA        | C55-2006IA        | C55-2008IA        | C55-2000IA         |
| With motor and sensor only                            | C55-2004I-S       | C55-2006I-S       | C55-2008I-S       | C55-2000I-S        |

## PAEK stator, Valcon E rotor

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|                                                       | <b>4 Position</b> | <b>6 Position</b> | <b>8 Position</b> | <b>10 position</b> |
|-------------------------------------------------------|-------------------|-------------------|-------------------|--------------------|
| <i>0.010" (.25 mm) bore</i>                           |                   |                   |                   |                    |
| With motor, sensor, and controller                    | C55-1344I         | C55-1346I         | C55-1348I         | C55-1340I          |
| With motor, sensor, and controller,<br>Serial version | C55-1344IA        | C55-1346IA        | C55-1348IA        | C55-1340IA         |
| With motor and sensor only                            | C55-1344I-S       | C55-1346I-S       | C55-1348I-S       | C55-1340I-S        |
| <i>0.016" (.40 mm) bore</i>                           |                   |                   |                   |                    |
| With motor, sensor, and controller                    | C55-2344I         | C55-2346I         | C55-2348I         | C55-2340I          |
| With motor, sensor, and controller,<br>Serial version | C55-2344IA        | C55-2346IA        | C55-2348IA        | C55-2340IA         |
| With motor and sensor only                            | C55-2344I-S       | C55-2346I-S       | C55-2348I-S       | C55-2340I-S        |